

10/577451  
AP200303160070 27 APR 2006

Customer No. 22,852  
Attorney Docket No. 06854.0051

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: **Masaaki MORI et al.** )  
Application No.: Not Yet Assigned )  
Filed: **April 27, 2006** ) Group Art Unit: Not Yet Assigned  
U.S. National Phase of International Application ) Examiner: Not Yet Assigned  
No. PCT/JP2004/016451 )  
For: **GAS INJECTION AMOUNT DETERMINING** )  
**METHOD IN ISOTOPE GAS ANALYSIS,** )  
**AND ISOTOPE GAS ANALYZING AND** )  
**MEASURING METHOD AND APPARATUS** )

**MAIL STOP PCT**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§1.56 and 1.97(b), applicants bring to the Examiner's attention the documents listed on attached Form PTO/SB/08 and cited in the international search report. With the exception of the U.S. patents, a copy of each listed document is enclosed. Applicants respectfully request that the Examiner consider the documents listed on attached Form PTO/SB/08 and indicate that they were considered by making an appropriate notation on this form.

This Information Disclosure Statement is being filed with the above-referenced application.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SS/

The following are listed on the accompanying PTO/SB/08 and are in a non-English language:

1. German Patent Publication No. 196 49 343. An English language abstract of this document is enclosed.
2. German Patent Publication No. 197 50 133. An English language abstract of this document is enclosed.
3. German Patent Publication No. 197 31 889. An English language abstract of this document is enclosed.
4. Japanese Patent Publication No. 61-42220. The relevance of this document is discussed at pages 2-3 of the specification of the present application.
5. Japanese Patent 3176302. An English language abstract of this document is also enclosed.
6. Japanese Patent 3014652. An English language abstract of this document is enclosed.

Also enclosed is the international search report from the European Patent Office in the PCT international application from which this national phase U.S. application is derived.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine

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that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: April 27, 2006

By: 

Ernest F. Chapman  
Reg. No. 25,961

Enclosures  
EFC/FPD/blc

|   |   |    |   |                             |                   |
|---|---|----|---|-----------------------------|-------------------|
| IDS Form PTO/SB/08: Substitute for form 1449A/PTO |   |    |   | <b>Complete if Known</b>    |                   |
|   |   |    |   | <b>601577451</b>            |                   |
|   |   |    |   | <i>Application Number</i>   | Not Yet Assigned  |
|   |   |    |   | <i>Filing Date</i>          | April 27, 2006    |
|   |   |    |   | <i>First Named Inventor</i> | Masaaki MORI      |
|   |   |    |   | <i>Art Unit</i>             | Not Yet Assigned  |
|   |   |    |   | <i>Examiner Name</i>        | Not Yet Assigned  |
| Sheet   | 1 | of | 1 | Attorney Docket Number      | <b>06854.0051</b> |

| <b>U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS</b> |                       |  |   |   |   |
|--|-----------------------|--|---|---|---|
| Examiner Initials  | Cite No. <sup>1</sup> | Document Number                          | Issue or Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|  |                       | Number-Kind Code <sup>2</sup> (if known) |   |   |   |
|  |                       | US-4,499,377                             | 02-12-1985                              | Presser   |   |
|  |                       | US-6,002,133                             | 12-14-1999                              | Nelson et al.                                   |   |
|  |                       | US-5,964,712                             | 10-12-1999                              | Kubo et al.                                     |   |
|  |                       | US-6,274,870                             | 08-14-2001                              | Kubo et al.                                     |   |
|  |                       | US-6,444,985                             | 09-03-2002                              | Mori et al.                                     |   |
|  |                       | US-6,455,852                             | 09-24-2002                              | Mori et al.                                     |   |
|  |                       | US-4,937,448                             | 06-26-1990                              | Mantz et al.                                    |   |
|  |                       | US-6,940,083                             | 09-06-2005                              | Mori et al.                                     |   |
|  |                       | US-2001/0021815                          | 09-13-2001                              | Katzman et al.                                  |   |

Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

| <b>FOREIGN PATENT DOCUMENTS</b> |                       |   |                                |   |   |
|---------------------------------|-----------------------|---|--------------------------------|---|---|
| Examiner Initials               | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|                                 |                       | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                                |   |   |
|                                 |                       | WO 02/25250   | 03-28-2002                     | Mori et al.                                     |   |
|                                 |                       | WO 98/30888   | 07-16-1998                     | Mori et al.                                     |   |
|                                 |                       | DE 196 49 343   | 06-10-1998                     | Riedel et al.                                   |   |
|                                 |                       | DE 197 50 133   | 07-15-1999                     | WWU<br>WISSENSCHAFTLICHE<br>WERKSTAT (DE)       | Abstract  |
|                                 |                       | DE 197 31 889   | 01-28-1999                     | Fischer et al.                                  | Abstract  |
|                                 |                       | JP 61-42220   | 09-10-1986                     |   | No  |
|                                 |                       | JP 3176302  | 04-06-2001                     | Mori et al.                                     | Abstract  |
|                                 |                       | JP 3014652  | 12-17-1999                     | Mori et al.                                     | Abstract  |

| <b>NON PATENT LITERATURE DOCUMENTS</b> |                       |   |  |  |                          |
|--|-----------------------|---|--|--|--------------------------|
| Examiner Initials                      | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |  |  | Translation <sup>6</sup> |
|  |                       |   |  |  |                          |

|                    |                 |                 |            |
|--------------------|-----------------|-----------------|------------|
| Examiner Signature | /Samuel Siefke/ | Date Considered | 01/14/2010 |
|--------------------|-----------------|-----------------|------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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